Divide Fractions Word Problems Worksheets

1. $\frac{3}{4}$ gallon of batter is poured equally into 2 bowls. How many gallons of batter are in each bowl?

2. $\frac{3}{4}$ pan of lasagna is shared equally by 6 friends. What fraction of the pan will each friend get?

3. A rope of length $\frac{2}{5}$ m is cut into 4 equal cords. What is the length of each cord?

4. $\frac{3}{5}$ pt. of juice is poured equally into 6 glasses. How much juice is in each glass?

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$$\frac{3}{4} \div 2 = \frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$$

2. $\frac{3}{4}$ pan of lasagna is shared equally by 6 friends. What fraction of the pan will each friend get?

$$\frac{3}{4} \div 6 = \frac{3}{4} \times \frac{1}{6} = \frac{1}{8}$$

3. A rope of length $\frac{2}{5}$ m is cut into 4 equal cords. What is the length of each cord?

$$\frac{2}{5} \div 4 = \frac{2}{5} \times \frac{1}{4} = \frac{1}{10}$$

4. $\frac{3}{5}$ pt. of juice is poured equally into 6 glasses. How much juice is in each glass?

$$\frac{3}{5} \div 6 = \frac{3}{5} \times \frac{1}{6} = \frac{1}{10}$$